

Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Reference is made to the following documents:

- D1: FR-A-2 135 928 (LICENTIA GMBH) 22 December 1972 (1972-12-22)
- D2: DE 44 43 916 C1 (ZUMTOBEL LICHT GMBH, DORNIRN, AT) 9 May 1996 (1996-05-09)
- D3: EP-A-0 678 700 (D. SWAROVSKI & CO) 25 October 1995 (1995-10-25)
- D4: DE 195 07 333 A1 (HARTZ, HOLGER, 64285 DARMSTADT, DE; PETRY, JOHANNES, 64285 DARMSTADT) 5 September 1996 (1996-09-05)

INDEPENDENT CLAIM 1

1. Document D1 is considered as the closest prior art with respect to the subject matter of claim 1. It discloses (the references in brackets refer to this document):

A built-in lamp having a holder for fastening in an installation surface (17), having an illuminant fitting and having a reflector (1), characterized in that the holder and reflector (1) are arranged relative to one another such that the reflector (1) extends beyond the installation surface (17) in a main direction of illumination with a built-in lamp secured in the installation surface (17), with the reflector being coupled in this region extending beyond the installation surface to a reflection element (5) which extends perpendicular or at an angle to the main direction of illumination, is arranged outside the reflector (1) and can be illuminated by light via the region lying between the installation surface (17) and the reflection element (5).

- 1.1 The subject matter of claim 1 therefore differs from the known built-in lamp in that

the reflector is made at least sectionally translucent or transparent in its region extending beyond the installation surface or is provided with openings; or in that, in addition to the reflector, an additional light discharge region is provided which surrounds the reflector at least regionally and via which the reflection element can be illuminated by a portion of the light.

- 1.2 The subject matter of claim 1 is thus novel (PCT Article 33(2)).
- 1.3 The object to be satisfied with the present invention can thus be seen in providing a lamp which permits a ceiling brightening (by an indirect lighting of the ceiling) without reducing the portion of direct light.
- 1.4 The solution proposed for this problem in claim 1 of the present application is based on an inventive step for the following reasons (PCT Article 33(3)):
 - 1.5 The closest prior art discloses the preamble of claim 1. Some documents of the prior art disclose parts of the characterizing portion, e.g.

D2 discloses a built-in lamp, wherein the reflector is made sectionally translucent or transparent or is provided with openings (but only in its upper region);

D4 discloses a lamp, wherein the reflector is surrounded by a hollow cylinder.
- 1.6 The features of the characterizing portion of claim 1 are not made obvious by any of these documents.
2. Claims 2 to 19 depend on claim 1 and thus likewise satisfy the demands of the PCT with respect to novelty and inventive step.

AREA OF APPLICATION

Illumination of rooms